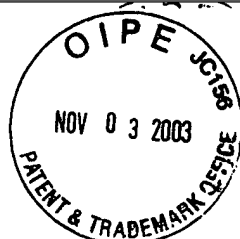


S/N 09/991374



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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Michael A. Apicella et al.	Examiner:	Francisco Chandler Prats
Serial No.:	09/991374	Group Art Unit:	1651
Filed:	November 16, 2001	Docket:	875.009US2
Title:	PRODUCTION OF COMPLEX CARBOHYDRATES		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Supplemental Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Please charge the fee of \$180.00 to Deposit Account No. 19-0743.

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Serial No :09/991374

Filing Date: November 16, 2001

Title: PRODUCTION OF COMPLEX CARBOHYDRATES

Page 2

Dkt: 875.009US2

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

MICHAEL A. APICELLA ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938

Minneapolis, MN 55402

(612) ~~373-6961~~ 371-2106

Date 29 October 2003

By Katharine A. Jackson Huebsch
Katharine A. Jackson Huebsch
Reg. No. 47,670

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 29 day of October, 2003.

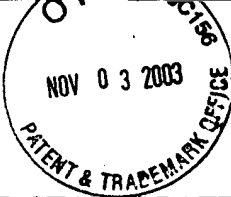
Candis B. Buending

Name

Signature

Candis B. Buending

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S/N 09/991,374

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael A. Apicella et al.

Examiner: Francisco Prats

Serial No.: 09/991,374

Group Art Unit: 1651

Filed: November 16, 2001

Docket: 875.009US2

Title: PRODUCTION OF COMPLEX CARBOHYDRATES

CORRECTED INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

This Corrected Information Disclosure Statement is intended to replace the Information Disclosure Statement originally filed on January 18, 2002. The attached Form 1449 is a copy of the 1449 originally filed.

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for review in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicants' prior U.S. application, Serial No. 09/574460, filed on May 18, 2000, which is relied upon for an earlier filing date under 35 U.S.C. §120.

CORRECTED INFORMATION DISCLOSURE STATEMENT

Serial Number: 09/991,374

Filing Date: November 16, 2001

Title: PRODUCTION OF COMPLEX CARBOHYDRATES

Page 2

Dkt: 875.009US2

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

MICHAEL A. APICELLA ET AL.

By their Representatives,

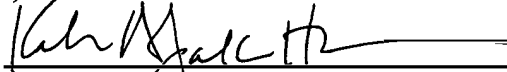
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938

Minneapolis, MN 55402

(612) 371-2106

Date 29 October 2003

By 

Katharine A. Jackson Huebsch

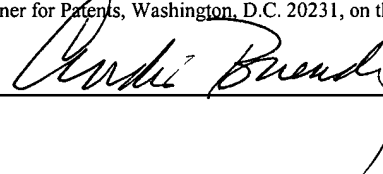
Reg. No. 47,670

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Candis B. Buending

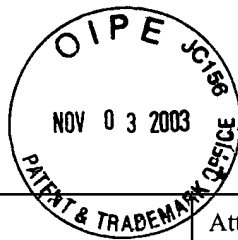
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Sheet 1 of 4

Form 1449*

Atty. Docket No.: 875.009US2

Serial No. 09/991,374

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Applicant: Michael A. Apicella et al.

Filing Date: November 16, 2001

Group: 1651

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**Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
						If Appropriate
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	4,745,051	05/17/1988	Smith, G.E., et al.	435	68	05/27/83
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	5,955,347	09/21/1999	Lowe, J.B.	435	252.3	08/14/96

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**Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation
						Yes No
	98/50557	11/12/1998	PCT	C12N	15/52	

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	Alexander, D.C., et al., "Role of the rfe Gene in the Biosynthesis of the Escherichia coli O7-Specific Lipopolysaccharide and Other O-Specific Polysaccharides Containing N-Acetylglucosamine", <u>Journal of Bacteriology</u> , 176(22), 7079-7084, (Nov. 1994)
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Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

**EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 4

Form 1449*

Atty. Docket No.: 875.009US2

Serial No. 09/991,374

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicant: Michael A. Apicella et al.

Filing Date: November 16, 2001

Group: 1651

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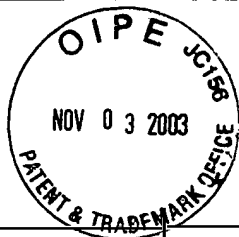
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Sheet 3 of 4

Form 1449*	Atty. Docket No.: 875.009US2	Serial No. 09/991,374
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant: Michael A. Apicella et al.	
	Filing Date: November 16, 2001	Group: 1651

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Initial

(Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner	Date Considered
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*Substitute Disclosure Statement Form (PTO-1449)

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Sheet 4 of 4

Form 1449*

Atty. Docket No.: 875.009US2

Serial No. 09/991,374

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicant: Michael A. Apicella et al.

Filing Date: November 16, 2001

Group: 1651

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Initial**

(Including Author, Title, Date, Pertinent Pages, Etc.)

Yoshida, Y., et al., "Identification of a Genetic Locus Essential for Serotype b-Specific Antigen Synthesis in Actinobacillus actinomycetemcomitans", Infection and Immunity, 66 (1), pp. 107-114, (Jan. 1998)

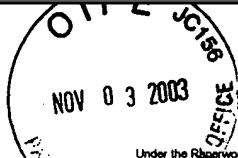
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Examiner

Date Considered

*Substitute Disclosure Statement Form (PTO-1449)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	09/991374
Filing Date	November 16, 2001
First Named Inventor	Apicella, Michael
Group Art Unit	1651
Examiner Name	Prats, Francisco

Sheet 1 of 1

Attorney Docket No: 875.009US2

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US PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
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OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
		PRESTON, ANDREW , et al., "The Lipooligosaccharides of Pathogenic Gram-Negative Bacteria", <u>Critical Reviews in Microbiology</u> , 22, (1996),139-180	
		SWIERZKO, ANNA , et al., "Specificity of Rabbit Antisera against the Rough Lipopolysaccharide of Salmonella minnesota R4", <u>Infections and Immunity</u> Vol. 6 No.8, (08/1993),3316-3221	

EXAMINER

DATE CONSIDERED

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